

PU010084

DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METADATA QUALITY IMPROVEMENT PROCESS

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the specification of which was filed on June 8, 2001 as A or, If not identified here by	Application Serial No. <u>09/876,942</u> and was amended on y filing date and serial number, Is attached hereto.
I have reviewed and understand the contents of the above iden amendment referred to above.	ntified specification, including the claims, as amended by any
I acknowledge the duty to disclose information which is material CFR 1.56.	to the examination of this application in accordance with 37
I hereby claim foreign priority benefits under 35 USC 119 of any fo below and have also identified below any foreign application for pat	ent or inventor's certificate by me or my representatives or
assigns for this invention having a fillng date before that of the application No in on prior	·
Application No in on prior	
I hereby claim the benefit under 35 USC 119(e) of any United State Application No. 60/252,273 Filed November 21, 2000	
Application No Filed	
I hereby claim the benefit under 35 USC 120 of any United States each of the claims of this application is not disclosed in the prior Unite	d States application in the manner provided by the first
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the like so made are punishable by fine or imprisonment, or both, und jeopardize the validity of the application or any patent issued thereor	der 18 USC 1001 and that such willful false statements may
I hereby appoint, Individually and collectively, the following as my revocation, to prosecute this application and to transact all business in	y/our attorney or agent with full power of substitution and
Joseph S. Tripoll Registrat	rion No. <u>26,040</u> and
Joel M. Fogelson Registrat	rion No. <u>26,932</u> and rion No. <u>43,613</u> and
PLEASE ADDRESS ALL COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LIC P. O. Box 5312 PRINCETON, NEW JERSEY C	ion No
COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS	
THOMSON MULTIMEDIA LIC P. O. Box 5312	CENSING INC.
Sole or Joint ARAM CHRISTIAN ABAJIAN	08543-5312
Inventor (1) (Type or Print)	(Signature in Full. No initials.)
Citizenship USA	Date
Post Office Address 202 N.W. 43 rd Street, Seattle, Washington	on 98107
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(Type or Print) Citizenship United Kingdom	(Signature in Full. No initials.) Date
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Residence Redmond (King County), Washington 98052	
Sole or Joint KEN ALAN BERKUN inventor (3)	
(Type or Print) Citizenship USA	(Signature in Full. No initials.) Date
Post Office Address 1554 NE 95 th Street, Seattle, Washington	
Sporttle (Ving County) Washington 09115	
Residence Seattle (King County), Washington 98115	

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	Jun 8, 2001 as Application Serial No. <u>09/8/6,942</u> and was amended on
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	contents of the above identified specification, including the claims, as amended by any
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amendment retened to above.	formation which is material to the examination of this application in accordance with 37
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CFR 1.56.	
I hereby claim foreign priority benefits	under 35 USC 119 of any foreign application(s) for patent or Inventor's certificate listed
below and have also Identified below any	foreign application for patent or inventor's certificate by me or my representatives or
assigns for this invention baying a filing dat	e before that of the application on which priority is claimed.
dssigns for this invertible that ing daming dam	e before that of the application of which phony is claimed.
Application No in	on priority claimed () Yes () No
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Lhereby claim the benefit under 35 US	SC 119(e) of any United States provisional application(s) as listed below.
Application No. 60/252,273 Filed	
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the like to made are punishable, by fine of	r imprisonment, or both, under 18 USC 1001 and that such willful false statements may
jeopardize the validity of the application of	or any parem issued mereon.
I hereby appoint, individually and coll	ectively, the following as my/our attorney or agent with full power of substitution and
revocation, to prosecute this application of	and to transact all business in the U.S. Patent and Trademark Office connected therewith:
Joseph S. Tripoli	Registration No. 26,040 and
	Registration No. 26,932 and
Joel M. Fogeison	Registration No. 43,613 and
2	Registration No.
PLEASE ADDRESS ALL	
MIT 0 5 2001 E	OF LOSEBH & TRIBOIL
COMMUNICATIONS TO	
. ₹ /	PATENT OPERATIONS
	THONASON NASILTINASOLA LICENSING INC
	THOMSON MULTIMEDIA LICENSING INC.
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TENTS TRAUER	P. O. Box 5312
	P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
Sole or Joint AUSTIN DAVID DA	P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
Sole or Joint AUSTIN DAVID DAI Inventor (4)	P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 HL
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Sole or Joint Inventor (4) Citizenship USA Post Office Address 2039 26 th Ave. E., Seattle (King County), Sole or Joint JOHN ANTHONY E.	P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 HL (Signature in Full. No initials.) Date Seattle, Washington 98112 Washington 98112
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	Joseph S. Tripoli	Re	gistration No. <u>26,040</u>	and	
PEN	Ronald H. Kurdyla		gistration No. 26,932	and	
1,	Joel M. Fogelson		gistration No. <u>43,613</u>	and	
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PIENT & TRADEN		P. O. Box 5312		11	
		PRINCETON, NEW JE	RSEY 08543-53 1/2 /		
Sole or Joint	CHARLES A. PORT	ER			-
Inventor (7)	(Type or Print)		(Signature in Full. No	Initiais)	
Citizenship	USA		(orginal die in ruit. The	(— <i>(</i>)	
			Date	7 0/	
Post Office Ad	dress 810 30 th Avenue	<u>, Seattle, Washing</u>	ton 98122	······································	
		Marshim adam 0010	20		
_	Seattle (King County),	wasnington 9812			
Sole or Joint	ERIC CARL REHM				
Inventor (8)	(Type or Print)		(Signature in Full. No	initials.)	
Citizenship	USA		(6)8.10.00 111 0 110	, ii iii (a.s.,)	
_			Date		
Post Office Ad	dress 353 Wallace Wo	ay NE #3, Bainbridg	ge Island, Washington	<u>98110</u>	
		am Caumb A Mach	ington 00110		
Residence _	Bainbridge Island (Kits	ap County), wash	lington 98110		
Soie or Joint	ODINII) (ACANI CLIDA	NIA CLINITA			
inventor (9)	SRINIVASAN SUDA	INAGUNIA			
	(Type or Print)		(Signature In Full. No	initials.)	
Citizenship	USA		Data		
Post Office Ad	dross 012 04th Assessed	C Coattle Mash!	Date		
FOSI OIRCH AG	YIJ ZO AVENUE	E., Seattle, Washir	ngton 98112		
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PRINCETON, NEW JERSEY	08543-5312
Sole or Joint JONATHAN ROBERT NOWITZ	
Inventor (10) (Type or Print)	(Signature in Full. No initials.)
Citizenship USA	(org. refer of the manager)
	Date
Post Office Address 2302 NE 92 nd Street, Seattle, Washington	on 98115
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Seattle (King County), Washington 98115	
Sole or Joint	
Inventor (11)	(Signature in Full. No initials.)
(Type or Print) Citizenship	(signature in Full. 140 initials.)
	Date
Post Office Address	
Residence	
Sole or Joint	
Inventor (12)	(Signature in Full No Initials.)
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COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312	
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COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 Sole or Joint Inventor (1) ARAM CHRISTIAN ABAJIAN	
COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-8312 Sole or Joint Inventor (1) (Type or Print) (Signature in Full. No initials.)	
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COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5317 Sole or Joint Inventor (1) (Type or Print) Citizenship USA Post Office Address 202 N.W. 43rd Street, Seattle, Washington 98107 Seattle (King County), Washington 98107 Sole or Joint ROBIN ANDREW ALEXANDER	
COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 Sole or Joint Inventor (1) Cittzenship USA Post Office Address 202 N.W. 43 rd Street, Seattle, Washington 98107 Sole or Joint Inventor (2) ROBIN ANDREW ALEXANDER	
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COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 PRINCETON, NEW JERSEY 08543-5312 Sole or Joint Inventor (1) (Type or Print) Citizenship USA Post Office Address 202 N.W. 43 rd Street, Seattle, Washington 98107 Seattle (King County), Washington 98107 Sole or Joint Inventor (2) Gignature in Full. No initials.) (Signature in Full. No initials.) (Signature in Full. No initials.) Citizenship United Kingdom Date	
COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543,6317 Sole or Joint Inventor (1) Citizenship USA Post Office Address Sole or Joint Inventor (2) Citizenship Ush Sole or Joint Inventor (2) Citizenship United Kingdom Post Office Address ARAM CHRISTIAN ABAJIAN (Signature in Full. No initials.) Citizenship Ush Sole or Joint Inventor (2) Citizenship United Kingdom Post Office Address 4720 164th Place, NE, Redmond, Washington 98052 Residence Redmond (King County), Washington 98052	
COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543,6317 Sole or Joint Inventor (1) Citizenship USA Post Office Address Sole or Joint Inventor (2) Citizenship Ush ROBIN ANDREW ALEXANDER Inventor (2) Citizenship United Kingdom Post Office Address 4720 164 th Place, NE, Redmond, Washington 98052 Residence Redmond (King County), Washington 98052 Sole or Joint KEN ALAN BERKUN	
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COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-3312 Sole or Joint Inventor (1) Citizenship USA Post Office Address 202 N.W. 43rd Street, Seattle, Washington 98107 Sole or Joint Inventor (2) Citizenship United Kingdom Post Office Address 4720 164th Place, NE, Redmond, Washington 98052 Residence Redmond (King County), Washington 98052 Sole or Joint Inventor (3) Citizenship United Kingdom Post Office Address 4720 164th Place, NE, Redmond, Washington 98052 Residence Redmond (King County), Washington 98052 Sole or Joint Inventor (3) Citizenship United KEN ALAN BERKUN (Type or Print) (Signature in Full. No initials.)	
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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METADATA QUALITY IMPROVEMENT PROCESS as Application Serial No. 09/876,942 and was amended on the specification of which was filed on Jun 8, 2001 , or, if not identified here by filing date and serial number, is attached hereto. I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. Lacknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56. Thereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also Identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a filing date before that of the application on which priority is claimed. Application No. _____ in ____ on ____ priority claimed () Yes () No Application No. _____ in ____ on ____ priority claimed () Yes () No Application No. ____ in ____ on ____ priority claimed () Yes () No I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below. Application No. 60/252,273 Filed November 21, 2000

Application No. ______ Filed ______ I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application Serial No._____ Filed _____ () patented () pending () abandoned Serial No.____ Filed ____ () patented () pending () abandoned I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information

and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

revocation, to pro	isecute this application and to transact at		s. Paleni ana iraa	SUICIK
	Joseph S. Tripoll	_ Registration No.	26,040	and
OF	Ronald H. Kurdyla	Registration No.	26,932	and
	Joel M. Fogelson	Registration No.	43,613	and
Q,, ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		Registration No.		
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OCT 0 5 2001 E	COMMUNICATIONS TO: JOSEPH S. TRIP	OLI		
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TO THE STATE OF	P. O. Box 5312			

PRINCETON, NEW JERSEY 08543-5312 **AUSTIN DAVID DAHL** Sole or Joint Inventor (4) (Type or Print) Citizenship USA Date 2039 26th Ave. E., Seattle, Washington 98112 Post Office Address Seattle (King County), Washington 98112 JOHN ANTHONY DEROSA Sole or Joint Inventor (5) (Signature in Full. No initials.) (Type or Print) Citizenship USA 1407 6th Ave. W, Seattle, Washington 98119 Post Office Address Residence SCOTT CHAO-CHUEH LEE Sole or Joint Inventor (6) (Type or Print) (Signature in Full. No Initials.) Citizenship USA Date 2031 151st Ave., SE, Bellevue, Washington 98007 Post Office Address Residence



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

METADATA QUALITY IMPROVEMENT PROCESS
the specification of which was filed on <u>Jun 8, 2001</u> as Application Serial No. <u>09/876,942</u> and was amended on
, or, if not Identified here by filing date and serial number, is attached hereto.
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37
CFR 1.56.
I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate by me or my representatives or
assigns for this invention having a filling date before that of the application on which priority is claimed.
Application No In on priority claimed () Yes () No
Application No In on priority claimed () Yes () No
Application No In on priority claimed () Yes () No I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.
Application No. 60/252,273 Filed November 21, 2000
Application No Filed I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter (
each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first
paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred
between the filing date of the prior application and the national or PCT international filing date of this application
Serlal No Filed () patented () pending () abandoned Serlal No Filed () patented () pending () abandoned
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements at
the like so made are punlshable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and
revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Joseph S. Tripoli Realstration No. 26,040 and
Joseph S. Tripoli Registration No. 26,040 and Registration No. 26,932 and
Joel M. Fogelson Registration No. 43,613 and
Registration No
PLEASE ADDRESS ALL COMMUNICATIONS TO: JOSEPH S. TRIPOLI
DATENT OPERATIONS
THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312
P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
Sole or Joint CHARLES A. PORTER
Inventor (7)
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Date
Post Office Address 810 30 th Avenue, Seattle, Washington 98122
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Sole or Joint ERIC CARL REHM
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Citizenship USA Date 15 Sept 200
Post Office Address 353 Wallace Way NE #3, Bainbridge Island, Washington 98110
Residence Bainbridge Island (Kitsap County), Washington 98110
Sole or Joint SRINIVASAN SUDANAGUNTA
Inventor (9)
Date
Post Office Address 913 26th Avenue E., Seattle, Washington 98112
Residence Seattle (King County), Washington 98112
l l

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as s	stated below next to my name. ne name is listed below) or an original, first and joint inventor (if plural
names are listed below) of the subject matter which is claime METADATA QUALITY IMPRO	d and for which a patent is sought on the invention entitled
	as Application Serial No. <u>09/876,942</u> and was amended on
, or, if not identified	I here by filing date and serial number, is attached hereto.
I have reviewed and understand the contents of the abo	ove identified specification, including the claims, as amended by any
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I hereby claim foreign priority benefits under 35 USC 119 of below and have also identified below any foreign application assigns for this invention having a filling date before that of the Application No in on on	priority claimed () Yes () No priority claimed () Yes () No
Application No in on	priority claimed () Yes () No
I hereby claim the benefit under 35 USC 119(e) of any Un	
Application No. <u>60/252,273</u> Filed November 21, 200 Application No Filed	
I hereby claim the benefit under 35 USC 120 of any United each of the claims of this application is not disclosed in the progragraph of 35 USC 112, I acknowledge the duty to disclose between the filing date of the prior application and the nation Serial No Filed () patented Serial No Filed () patented I hereby declare that all statements made herein of my of the claim of the prior application and the nation serial No Filed () patented	() pending () abandoned
the like so made are punishable by fine or imprisonment, or b	both, under 18 USC 1001 and that such willful false statements may
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I hereby appoint individually and collectively, the follow	ing as my/our attorney or agent with full power of substitution and
	ousiness in the U.S. Patent and Trademark Office connected therewith: Registration No. 26,040 and
	Registration No. 26,932 and
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COMMUNICATIONS TO: JOSEPH S. TRIPO	
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P. O. Box 5312	MEDIA LICENSING INC.
	JERSEY 08543-5312
Sole or Joint JONATHAN ROBERT NOWITZ	Mulul La Ma A
Inventor (10)	(Signature in Full. No initials.)
(Type or Print) Citizenship LISA	
Citizenship USA	Date 9/10/2001
Post Office Address 2302 NE 92 nd Street, Seattle, Was	shington 98115
County ((God County) Mashington (G	2116
Seattle (King County), Washington 98	5113
Sole or Joint Inventor (11)	
(Type or Print)	(Signature in Full. No initials.)
Citizenship	Date
Post Office Address	Date
Posi Office Address	
Residence	
Sole or Joint	
Inventor (12)	(Signature in Full. No Initials.)
(Type or Print) Citizenship	(Signature in Francis, 140 triniais,)
	Date
Post Office Address	
Residence	

and

DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

, OI, II I	not identified here by filing date and serial number, is attached hereto.
I have reviewed and understand the conter	nts of the above Identified specification, Including the claims, as amended by any
amendment referred to above.	
I acknowledge the duty to disclose informat	ion which is material to the examination of this application in accordance with 37
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I hereby claim foreign priority benefits under	35 USC 119 of any foreign application(s) for patent or inventor's certificate listed
below and have also identified below any foreign	n application for patent or inventor's certificate by me or my representatives or
assigns for this invention having a filing date befo	re that of the application on which priority is clalmed.
Application No.	on priority claimed () Yes () No
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t hereby claim the benefit under 35 USC 1100	(e) of any United States provisional application(s) as listed below.
Application No. 60/252,273 Filed Nover	
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I hereby claim the benefit under 35 USC 120	of any United States application(s) listed below and, Insofar as the subject matter of
each of the claims of this application is not discid	osed in the prior United States application in the manner provided by the first
paragraph of 35 USC 112, I acknowledge the du	by to disclose material information as defined in 37 CFR 1.56(a) which occurred
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Serial No Filed (() patented () pending () abandoned
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I hereby declare that all statements made h	erein of my own knowledge are true and that all statements made on information
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Joseph S. Tripoli	Registration No. 26,040 and
Ronald H. Kurdyla	Registration No. 26,932 and
	Registration No. 43,613 and
Joel M. Fogelson	
u d	Registration No.
OCT 0 5 2001 PLEASE ADDRESS ALL	
ST COMMONICATIONS 10: 300	
PATE	NT OPERATIONS
THON	ASON MULTIMEDIA LICENSING INC.
THOM P. O.	Box 5312
	~~~^.
PRIN	CETON, NEW JERSEY 08543-5312
Sole or Joint ARAM CHRISTIAN ABAJI	IAN
Sole or Joint ARAM CHRISTIAN ABAJI	
Sole or Joint ARAM CHRISTIAN ABAJI	(Signature in Full. No initials.)
Sole or Joint Inventor (1)  Cltizenship USA  ARAM CHRISTIAN ABAJI  (Type or Print)	(Signature in Full. No initials.)  Date
Sole or Joint Inventor (1)  Cltizenship USA  ARAM CHRISTIAN ABAJI  (Type or Print)	(Signature in Full. No initials.)
Sole or Joint Inventor (1)  ARAM CHRISTIAN ABAJI  (Type or Print)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Se	(Signature in Full. No initials.)  Date eattle, Washington 98107
Sole or Joint Inventor (1)  ARAM CHRISTIAN ABAJI  (Type or Print)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Se	(Signature in Full. No initials.)  Date eattle, Washington 98107
Sole or Joint Inventor (1)  Cltizenship USA  ARAM CHRISTIAN ABAJI  (Type or Print)	(Signature in Full. No initials.)  Date eattle, Washington 98107
Sole or Joint Inventor (1)  (Type or Print)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole of Seattle (King County), Wash	(Signature in Full. No initials.)  Date eattle, Washington 98107  nington 98107
Sole or Joint Inventor (1)  Cltizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint ROBIN ANDREW ALEXAL	(Signature in Full. No initials.)  Date eattle, Washington 98107  nington 98107
Sole or Joint Inventor (1)  Cltizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  ROBIN ANDREW ALEXAL	(Signature in Full. No initials.)  Date eattle, Washington 98107  nington 98107  NDER
Sole or Joint Inventor (1)  Cltizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  ROBIN ANDREW ALEXAL  (Type or Print)	(Signature in Full. No initials.)  Date  eattle, Washington 98107  nington 98107  NDER  (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Cltizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  ROBIN ANDREW ALEXAL	(Signature in Full. No initials.)  Date eattle, Washington 98107  nington 98107  NDER
Sole or Joint Inventor (1)  Cltizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Sole or Joint Inventor (2)  Cltizenship United Kingdom  ARAM CHRISTIAN ABAJI  (Type or Print)  (Type or Print)  United Kingdom	(Signature In Full. No Initials.)  Date  eattle, Washington 98107  NDER  (Signature In Full. No Initials.)  (Signature In Full. No Initials.)  Date  OP/12/0/
Sole or Joint Inventor (1)  Cltizenship  Post Office Address  Seattle (King County), Wash  Sole or Joint Inventor (2)  Cltizenship  Cltizenship  Cltizenship  Cltizenship  ARAM CHRISTIAN ABAJI  (Type or Print)  ROBIN ANDREW ALEXAI  (Type or Print)  United Kingdom	(Signature in Full. No initials.)  Date  eattle, Washington 98107  nington 98107  NDER  (Signature in Full. No initials.)  (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Inventor (2)	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  Cltizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Sole or Joint Inventor (2)  Cltizenship United Kingdom  ARAM CHRISTIAN ABAJI  (Type or Print)  (Type or Print)  United Kingdom	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street, Sole or Joint Inventor (2)  Citizenship USA  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164th Place, NE, Finance Redmond (King County), Wash	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Citizenship USA  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Finance Redmond (King County), Wash	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Citizenship USA  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Folioner (3)  Residence Redmond (King County), Wash	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  CItizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  CItizenship USA  Sole or Joint Inventor (2)  CItizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Foliated Residence Redmond (King County), Wash (Type or Print)  Residence Redmond (King County), Wash (Type or Print)  Sole or Joint Inventor (3)  KEN ALAN BERKUN (Type or Print)	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  Citizenship  Post Office Address  Seattle (King County), Wash  Sole or Joint Inventor (2)  Citizenship  Citizenship  Citizenship  Citizenship  Post Office Address  ARAM CHRISTIAN ABAJI  (Type or Print)  County  Citizenship  Citizenship  Citizenship  Post Office Address  Aram CHRISTIAN ABAJI  (Type or Print)  County), Wash  Aram CHRISTIAN ABAJI  (Type or Print)  County), Wash  Citizenship  C	(Signature in Full. No initials.)  Date  Peattle, Washington 98107  NDER  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Pate  April 2 0  (Signature in Full. No initials.)  (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Flace Redmond (King County), Wash Sole or Joint Inventor (3)  Citizenship United Kingdom  Residence Redmond (King County), Wash KEN ALAN BERKUN (Type or Print)  Citizenship USA	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  CItizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  CItizenship USA  Sole or Joint Inventor (2)  CItizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Foliated Residence Redmond (King County), Wash (Type or Print)  Residence Redmond (King County), Wash (Type or Print)  Sole or Joint Inventor (3)  KEN ALAN BERKUN (Type or Print)	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Flace Redmond (King County), Wash Sole or Joint Inventor (3)  Residence Redmond (King County), Wash Ken Alan Berkun (Type or Print)  Citizenship USA  Post Office Address 1554 NE 95 th Street, Se	(Signature in Full. No initials.)  Date eattle, Washington 98107  NDER  (Signature in Full. No initials.)  Date Redmond, Washington 98052  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Date  attle, Washington 98115
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street, Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place, NE, Flace Redmond (King County), Wash Sole or Joint Inventor (3)  Citizenship United Kingdom  Residence Redmond (King County), Wash KEN ALAN BERKUN (Type or Print)  Citizenship USA	(Signature in Full. No initials.)  Date  Eattle, Washington 98107  NDER  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Redmond, Washington 98052  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Date  attle, Washington 98115
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street, Sole or Joint Inventor (2)  Citizenship United King County), Wash  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164th Place, NE, Facetion Residence Redmond (King County), Wash  Sole or Joint Inventor (3)  KEN ALAN BERKUN  (Type or Print)  Citizenship USA  Post Office Address 1554 NE 95th Street, Se	(Signature in Full. No initials.)  Date  Eattle, Washington 98107  NDER  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Redmond, Washington 98052  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Date  attle, Washington 98115

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

the specification of which was filed on Jun 8, 2001 as A	pplication Serial No. 09/876,942 and was amended on
	filing date and serial number, is attached hereto.
I have reviewed and understand the contents of the above Ident	tified specification, including the claims, as amended by any
amendment referred to above.	
I acknowledge the duty to disclose information which is material t	to the examination of this application in accordance with 37
CFR 1.56.  I hereby claim foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority benefits under 35 USC 119 of any foreign priority ben	reian application(s) for patent or inventor's certificate listed
below and have also identified below any foreign application for pate	
assigns for this invention having a filling date before that of the applica	• • •
Application No in on prior	ity clalmed () Yes () No
Application No in on prior	ity claimed () Yes () No
Application No in on prior	·
I hereby claim the benefit under 35 USC 119(e) of any United State	es provisional application(s) as listea below.
Application No. <u>60/252,273</u> Filed <u>November 21, 2000</u> Application No Filed	
I hereby claim the benefit under 35 USC 120 of any United States	application(s) listed below and, insofar as the subject matter of
each of the claims of this application is not disclosed in the prior United	· · · · · · · · · · · · · · · · · · ·
paragraph of 35 USC 112, I acknowledge the duty to disclose material	
between the filling date of the prior application and the national or PC	
Serial No Filed () patented () pendir	
Serial No Filed () patented () pendir I hereby declare that all statements made herein of my own know	
and belief are believed to be true; and further that these statements v	· ·
the like so made are punishable by fine or Imprisonment, or both, und	_
jeopardize the validity of the application or any patent issued thereon	
I hereby appoint, Individually and collectively, the following as my	
revocation, to prosecute this application and to transact all business in	
	lon No. <u>26,040</u> and Ion No. <u>26,932</u> and
	ion No. 43,613 and
Dogletrati	ion No.
PLEASE ADDRESS ALL	
COMMUNICATIONS TO: JOSEPH S. TRIPOLI	
PATENT OPERATIONS	
PATENT OPERATIONS THOMSON MULTIMEDIA LIC	ENSING INC.
F. O. BOX 3012	905.42 5210
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Sole or Joint AUSTIN DAVID DAHL Inventor (4)	
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Residence	·
Sole or Joint SCOTT CHAO-CHUEH LEE	
Inventor (6)	(Signature in Full. No Initials.)
(Type or Print) Citizenship USA	(algurature in Francis 140 ii anicus.)
	Date
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Residence	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

the specification of which was fied on	Jun 8, 2001 as Application Serial No. 09/876,942 and was amended on
	, or, if not identified here by filing date and serial number, is attached hereto.
	contents of the above Identified specification, including the claims, as amended by any
amendment referred to above.	
•	nformation which is material to the examination of this application in accordance with 37
CFR 1.56.	ts under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed
	ny foreign application for patent or inventor's certificate by me or my representatives or
assigns for this Invention having a filing do	ate before that of the application on which priority is claimed.
Application No In	n on priority claimed () Yes () No
Application No In	n on priority claimed () Yes () No
	on priority claimed () Yes () No
	USC 119(e) of any United States provisional application(s) as listed below.
Application No. <u>60/252,273</u> File Application No File	
	USC 120 of any United States application(s) listed below and, insofar as the subject matter of
	ot disclosed in the prior United States application in the manner provided by the first
paragraph of 35 USC 112, I acknowledge	the duty to disclose material Information as defined in 37 CFR 1.56(a) which occurred
between the filing date of the prior application	cation and the national or PCT international filing date of this application
Serial No Filed	() patented () pending () abandoned
Serial No Filed	() patented () pending () abandoned
	made herein of my own knowledge are true and that all statements made on information urther that these statements were made with the knowledge that willful false statements and
	or Imprisonment, or both, under 18 USC 1001 and that such willful false statements may
jeopardize the validity of the application	
I hereby appoint, individually and co	ollectively, the following as my/our attorney or agent with full power of substitution and
	and to transact all business in the U.S. Patent and Trademark Office connected therewith:
Joseph S. Tripoll	Registration No. 26,040 and
Ronald H. Kurdyla	Registration No. <u>26,932</u> and Registration No. 43,613 and
Joel M. Fogelson	Registration No. 43,013 and
	Rogistration 100
PLEASE ADDRESS ALL	
OCT 0 5 2001 PLEASE ADDRESS ALL COMMUNICATIONS	
OCT 0 5 2001 PLEASE ADDRESS ALL COMMUNICATIONS	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS
OCT 0 5 2001 PLEASE ADDRESS ALL COMMUNICATIONS	TO: <u>JOSEPH S. TRIPOLI</u> PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC.
OCT 0 5 2001 PLEASE ADDRESS ALL COMMUNICATIONS	TO: <u>JOSEPH S. TRIPOLI</u> PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312
COMMUNICATIONS THADEHREE	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
Sole or Joint CHARLES A. POR	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
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Sole or Joint Inventor (7)  Cltizenship USA  CHARLES A. POR  (Type or Print)	TO: JOSEPH S, TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30th Avenue  Seattle (King County)	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  ), Washington 98122
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue  Seattle (King County)  Sole or Joint Inventor (8)  CHARLES A. POR  (Type or Print)  (EXALTERMAL  Seattle (King County)	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  D. Washington 98122
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue  Seattle (King County)  Sole or Joint Inventor (8)  ERIC CARL REHM  (Type or Print)	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  ), Washington 98122
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Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue  Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  CHARLES A. POR  (Type or Print)  Citizenship USA	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.)  Date  P., Seattle, Washington 98122  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Date
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue  Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walls  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walls  Sole or Joint Inventor (8)  Citizenship USA	TO: JOSEPH S. TRIPOLI  PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  (Signature in Full. No initials.)  (Signature in Full. No initials.) Date And Mashington 98122  (Signature in Full. No initials.) Date And Mashington 98110
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue  Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walls  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walls  Sole or Joint Inventor (8)  Citizenship USA	TO: JOSEPH S. TRIPOLI  PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  (Signature in Full. No initials.)  (Signature in Full. No initials.) Date And Mashington 98122  (Signature in Full. No initials.) Date And Mashington 98110
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue  Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walls  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walls  Sole or Joint Inventor (8)  Citizenship USA	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.)  Date  P., Seattle, Washington 98122  (Signature in Full. No initials.)  Date  (Signature in Full. No initials.)  Date
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30th Avenue Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Fost Office Address 353 Wallace Walled Sole or Joint SRINIVASAN SUDA	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P., Seattle, Washington 98122  (Signature in Full. No initials.) Date (Signature in Full. No initials.) Date Tay NE #3, Bainbridge Island, Washington 98110  (Sap County), Washington 98110
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Walled Sole or Joint Inventor (9)	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P., Seattle, Washington 98122  (Signature in Full. No initials.) Date Quy NE #3, Bainbridge Island, Washington 98110  Esap County), Washington 98110  ANAGUNTA
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  ERIC CARL REHM  (Type or Print)  Citizenship USA  Post Office Address 353 Wallace Walled Sole or Joint Inventor (9)  Sole or Joint Inventor (9)  SRINIVASAN SUDA  (Type or Print)	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  (Signature in Full. No initials.) Date Tay NE #3, Bainbridge Island, Washington 98110  Sap County), Washington 98110  ANAGUNTA  (Signature in Full. No initials.)
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walled Sole or Joint Inventor (9)  Residence Bainbridge Island (Kitelline Sole or Joint Inventor (9)  Citizenship USA  Residence Sole or Joint Inventor (9)  Citizenship USA	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  (Signature in Full. No initials.) Date Tay NE #3, Bainbridge Island, Washington 98110  Page County), Washington 98110  ANAGUNTA  (Signature in Full. No initials.) Date  (Signature in Full. No initials.)
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walled Sole or Joint Inventor (9)  Residence Bainbridge Island (Kitelline Sole or Joint Inventor (9)  Citizenship USA  Residence Sole or Joint Inventor (9)  Citizenship USA	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  (Signature in Full. No initials.) Date Tay NE #3, Bainbridge Island, Washington 98110  Sap County), Washington 98110  ANAGUNTA  (Signature in Full. No initials.)
Sole or Joint Inventor (7)  Citizenship USA  Post Office Address 810 30 th Avenue Seattle (King County)  Sole or Joint Inventor (8)  Citizenship USA  Post Office Address 353 Wallace Wallace Walled Sole or Joint Inventor (9)  Residence Bainbridge Island (Kitelline Sole or Joint Inventor (9)  Citizenship USA  Residence Sole or Joint Inventor (9)  Citizenship USA	TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  TER  (Signature in Full. No initials.) Date P. Seattle, Washington 98122  (Signature in Full. No initials.) Date Tay NE #3, Bainbridge Island, Washington 98110  Sap County), Washington 98110  ANAGUNTA  (Signature in Full. No initials.) Date E., Seattle, Washington 98112

## **DECLARATION AND POWERS OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

the specification of which was filed on Jur	8, 2001 as A	pplication Serial No.	09/876,942	and was amended on	
	not identified here by	_			
I have reviewed and understand the conte	nts of the above iden	tified specification, inc	luding the clo	aims, as amended by an	У
amendment referred to above.	dian subjet le manteriel:	ta tha aversiantian af	this amoulla artis	on in accordance with 2	7
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CFR 1.56.  I hereby claim foreign priority benefits under	er 35 USC 119 of any fo	relan application(s) fo	r patent or inv	ventor's certificate listed	
below and have also identified below any forei					
assigns for this invention having a filing date bef					
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Application No In	on prior	ity claimed () Yes () N	10		
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I hereby claim the benefit under 35 USC 119		es provisional applica	non(s) as listed	d below.	
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I hereby claim the benefit under 35 USC 12		application(s) listed be	elow and, Insc	ofar as the subject matte	er of
each of the claims of this application is not also	_	• •		_	
paragraph of 35 USC 112, I acknowledge the di	ity to disclose materia	l information as define	d in 37 CFR 1.	56(a) which occurred	
between the filing date of the prior application			ate of this app	plication	
Serial No Filed					
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I hereby declare that all statements made and bellef are believed to be true; and further t					
the like so made are punishable by fine or impr			_		ana
jeopardize the validity of the application or any				,	
I hereby appoint, individually and collective	ely, the following as my	y/our attorney or ager	nt with full pov	ver of substitution and	
revocation, to prosecute this application and to			rademark Off	fice connected therewitl	h:
Joseph S. Tripoli		ion No. <u>26,040</u>	and		
Ronald H. Kurdyla		ion No. <u>26,932</u>	and		
Joel M. Fogelson	<del></del>	ion No. <u>43,613</u>	and		
OCT 0 5 2001 E PLEASE ADDRESS ALL	Registrati	ion No			
PLEASE ADDRESS ALL COMMUNICATIONS TO: JC	SEPH S TRIPOLL				
	ENT OPERATIONS			•	
	MSON MULTIMEDIA LIC	CENSING INC.			
	. Box 5312				
	ICETON, NEW JERSEY O	18543-5312			
Sole or Joint JONATHAN ROBERT NO	)WITZ			İ	
Inventor (10)  (Type or Print)		(Signature in Full. No	Initials.)		
Citizenship USA			ŕ		
		Date			
Post Office Address 2302 NE 92 nd Street, S	eattle, Washingto	n 98115			
Seattle (King County), Was	hington 08115				
Seame (King County), was	migion 70110				
Colo or lolot					
Sole or Joint Inventor (11)					
(Type or Print)		(Signature in Full. No	initials.)		
Citizenship					
Book Office Address		Date			
Post Office Address			****		
Basidada					
Residence					
Sole or Joint					
Inventor (12)					
(Type or Print)		(Signature In Full. No	initials.)		
Citizenship		Date			
Post Office Address	<del></del>				
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Residence					

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

the specification of which was filed on	Jun 8, 2001 as Application Serial No. 09/876,942 and was amended on
	, or, if not identified here by filing date and serial number, is attached hereto.
	contents of the above identified specification, Including the claims, as amended by any
amendment referred to above.	somethic of the above lacrimica specification, including the claims, as affectaca by afty
	formation which is material to the examination of this application in accordance with 27
	formation which is material to the examination of this application in accordance with 37
CFR 1.56.	1 051100 110 (
•	under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed
below and have also identified below any	foreign application for patent or Inventor's certificate by me or my representatives or
assigns for this invention having a filing date	e before that of the application on which priority is claimed.
	on priority claimed () Yes () No
	on priority claimed () Yes () No
	on priority claimed () Yes () No
	•
•	C 119(e) of any United States provisional application(s) as listed below.
Application No. 60/252,273 Filed	
Application No Filed	
I hereby claim the benefit under 35 US	C 120 of any United States application(s) listed below and, Insofar as the subject matter of
each of the claims of this application is not	disclosed in the prior United States application in the manner provided by the first
paragraph of 35 USC 112, Lacknowledge t	he duty to disclose material information as defined in 37 CFR 1.56(a) which occurred
	ation and the national or PCT international filing date of this application
	() patented () pending () abandoned
	() patented () pending () abandoned
•	ade herein of my own knowledge are true and that all statements made on information
	ther that these statements were made with the knowledge that willful false statements and
, ,	imprisonment, or both, under 18 USC 1001 and that such willful false statements may
jeopardize the validity of the application o	
I hereby appoint, Individually and colle	ectively, the following as my/our attorney or agent with full power of substitution and
revocation, to prosecute this application a	ectively, the following as my/our attorney or agent with full power of substitution and and and and the connected therewith:  Realstration No. 26.040 and
Joseph S. Tripoli	Registration No. 26,040 and
Ronald H. Kurdyla	Registration No. 26,932 and
Joel M. Fogelson	Registration No. <u>43,613</u> and
	La diction No
OCT 0 5 2001 (S)	Registration No
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PLEASE ADDRESS ALL	D: JOSEPH S. TRIPOLI PATENT OPERATIONS
PLEASE ADDRESS ALL	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC.
PLEASE ADDRESS ALL	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312
PLEASE ADDRESS ALL COMMUNICATIONS TO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
PLEASE ADDRESS ALL COMMUNICATIONS TO Sole or Joint ARAM CHRISTIAN	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
PLEASE ADDRESS ALL COMMUNICATIONS TO Sole or Joint Inventor (1)  PLEASE ADDRESS ALL COMMUNICATIONS TO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 ABAJIAN
Sole or Joint Inventor (1)  PLEASE ADDRESS ALL COMMUNICATIONS TO ARAM CHRISTIAN A (Type or Print)	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312
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Sole or Joint Inventor (1)  Citizenship USA  PLEASE ADDRESS ALL COMMUNICATIONS TO CO	D: JOSEPH S. TRIPOLI  PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date
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Sole or Joint Inventor (1)  Citizenship USA  PLEASE ADDRESS ALL COMMUNICATIONS TO CO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.) Date eet, Seattle, Washington 98107
Sole or Joint Inventor (1)  Citizenship USA  PLEASE ADDRESS ALL COMMUNICATIONS TO CO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.) Date eet, Seattle, Washington 98107
Sole or Joint Inventor (1) Citizenship USA Post Office Address 202 N.W. 43 rd Street Seattle (King County),	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 ABAJIAN  (Signature in Full. No initials.) Date eet, Seattle, Washington 98107 Washington 98107
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street Seattle (King County),  Sole or Joint ROBIN ANDREW All COMMUNICATIONS TO COMMUNICATION	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 ABAJIAN  (Signature in Full. No initials.) Date eet, Seattle, Washington 98107 Washington 98107
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  ROBIN ANDREW All COMMUNICATIONS TO C	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date eet, Seattle, Washington 98107  Washington 98107  LEXANDER
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street Seattle (King County),  Sole or Joint Inventor (2)  ROBIN ANDREW All COMMUNICATIONS TO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 ABAJIAN  (Signature in Full. No initials.) Date eet, Seattle, Washington 98107 Washington 98107
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  ROBIN ANDREW All COMMUNICATIONS TO C	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date  eet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship USA  ROBIN ANDREW All COMMUNICATIONS TO CO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship USA  ROBIN ANDREW All COMMUNICATIONS TO CO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date  eet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164th Place,	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date  Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date  NE, Redmond, Washington 98052
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164th Place,	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date  Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date  NE, Redmond, Washington 98052
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship USA  ROBIN ANDREW All COMMUNICATIONS TO CO	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date  Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date  NE, Redmond, Washington 98052
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43rd Strees  Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164th Place,  Residence Redmond (King County)	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052
Sole or Joint Inventor (1)  Cittzenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint United King County  Residence Redmond (King County)	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  ROBIN ANDREW All (Type or Print)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint Inventor (3)  KEN ALAN BERKUN	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 ABAJIAN  (Signature in Full. No initials.)  Date  eet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date  NE, Redmond, Washington 98052  y), Washington 98052
Sole or Joint Inventor (1)  Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint Inventor (3)  KEN ALAN BERKUN  (Type or Print)	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  ROBIN ANDREW All (Type or Print)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint Inventor (3)  KEN ALAN BERKUN	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312 ABAJIAN  (Signature in Full. No initials.)  Date  eet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date  NE, Redmond, Washington 98052  y), Washington 98052
Sole or Joint Inventor (1)  Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint Inventor (3)  Sole or Joint KEN ALAN BERKUN (Type or Print)  Citizenship USA	Dispersion of the control of the con
Sole or Joint Inventor (1)  Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint Inventor (3)  Sole or Joint KEN ALAN BERKUN (Type or Print)  Citizenship USA	PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Pet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052  (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Citizenship USA  Post Office Address 1554 NE 95 th Street	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Deet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052  (Signature in Full. No initials.)  Date (Signature in Full. No initials.)  Date (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Strees  Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint Inventor (3)  Sole or Joint KEN ALAN BERKUN (Type or Print)  Citizenship USA	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Deet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052  (Signature in Full. No initials.)  Date (Signature in Full. No initials.)  Date (Signature in Full. No initials.)
Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 202 N.W. 43 rd Street Seattle (King County),  Sole or Joint Inventor (2)  Citizenship United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Sole or Joint United Kingdom  Post Office Address 4720 164 th Place,  Residence Redmond (King County)  Citizenship USA  Post Office Address 1554 NE 95 th Street	D: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. P. O. Box 5312 PRINCETON, NEW JERSEY 08543-5312  ABAJIAN  (Signature in Full. No initials.)  Date Deet, Seattle, Washington 98107  Washington 98107  LEXANDER  (Signature in Full. No initials.)  Date NE, Redmond, Washington 98052  y), Washington 98052  (Signature in Full. No initials.)  Date (Signature in Full. No initials.)  Date (Signature in Full. No initials.)

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

	METADATA QU	UALITY IMPROVEMENT PROCESS	
the specification	of which was filed on <b>June</b>	8, 2001 as Application Serial No. 09/876,942 and was amend	ed on
		not Identified here by filing date and serial number, is attached hereto.	
amendment refe	rred to above.	its of the above identified specification, including the claims, as amended	,,
I acknowledge CFR 1.56.	ge the duty to disclose information	on which is material to the examination of this application in accordance v	with 37
•	<b>V</b> • • • • • • • • • • • • • • • • • • •	35 USC 119 of any foreign application(s) for patent or inventor's certificate	
	<del>-</del>	n application for patent or inventor's certificate by me or my representative re that of the application on which priority is claimed.	es or
0		on priority claimed ( ) Yes ( ) No	•
Applicat	tion No in	on priority claimed ( ) Yes ( ) No	
• •		on priority claimed () Yes () No	
•	tion No. <u>60/252,273</u> Filed <u>Novem</u>	e) of any United States provisional application(s) as listed below.	
• -	tion No Filed		
		of any United States application(s) listed below and, insofar as the subject	
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		onment, or both, under 18 USC 1001 and that such willful false statements n	
jeopardize the va	lidity of the application or any p	patent issued thereon.	·
		y, the following as my/our attorney or agent with full power of substitution of	
revocation, to pro	Joseph S. Tripoli	ransact all business in the U.S. Patent and Trademark Office connected the Registration No. 26,040 and	erewiin:
PE	Ronald H. Kurdyla	Registration No. 26,932 and	
	Joel M. Fogelson	Registration No. 43,613 and	
1		Registration No.	
OCT 0 5 2001 (E)	PLEASE ADDRESS ALL	EDU 6 TOIDOU	
~ 1	COMMUNICATIONS TO: <b>JOSE</b> PATEN	NT OPERATIONS	
The SCHOOL	THOM	ISON MULTIMEDIA LICENSING INC.	
TENTA TRADEMARE	P. O. E	Box 5312	
Sole or Joint	AUSTIN DAVID DAHL	CETON, NEW JERSEY 08543-5312	
Inventor (4)	(Type or Print)	(Signature in Full. No Initials.)	_
Citizenship US		(Signature in Fail. 140 in inclas.)	
		Date	_
Post Office Addre	ss <u>2039 26th Ave. E., Seatt</u>	tle, Washington 98112	
Se	eattle (King County), Washi	ington 98112	
Sole or Joint	JOHN ANTHONY DEROSA	:A	-
Inventor (5)	(Type or Print)	(Signature in Full. No initials.)	
Citizenship US		Date	
Post Office Addre	ss 1407 6 th Ave. W, Seattle		
Residence			
Sole or Joint	SCOTT CHAO-CHUEH LEE	E Scott Chas-Church Jee	S.L.,
Inventor (6)	(Type or Print)	(Signature in Full. No initials.)	I forget a
Citizenship US	• • •	Date 9/29/2001	this need be in blu
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1 031 Office Addle	~ ZUST TOT AVE., SE, BEI	llevue, Washington 98007	$\dashv$
Residence			

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METADATA QUALITY IMPROVEME	NI PROCESS	
the specification of which was filed on June 8, 2001 as	Application Serial No. 09/876,942 and was amended on	
I have reviewed and understand the contents of the above ide	by filing date and serial number, is attached hereto.	
amendment referred to above.  I acknowledge the duty to disclose information which is material	•	
CFR 1.56.	and the examination of this application in accordance WITH 37	
I hereby claim foreign priority benefits under 35 USC 119 of any to below and have also identified below any foreign application for possigns for this invention having a filing date before that of the application No	atent or inventor's certificate by me or my representatives or cation on which priority is claimed. ority claimed () Yes () No ority claimed () Yes () No	
I hereby claim the benefit under 35 USC 119(e) of any United Sto	ates provisional application(s) as listed below.	
Application No. 60/252,273 Filed November 21, 2000		
Application No Filed		
each of the claims of this application is not disclosed in the prior United paragraph of 35 USC 112, I acknowledge the duty to disclose material between the filing date of the prior application and the national or Filed () patented () pendicular () pendic	ial information as defined in 37 CFR 1.56(a) which occurred PCT international filing date of this application ding () abandoned ding () abandoned	
I hereby declare that all statements made herein of my own known	owledge are true and that all statements made on information	
and belief are believed to be true; and further that these statements the like so made are punishable by fine or imprisonment, or both, un jeopardize the validity of the application or any patent issued thereo	nder 18 USC 1001 and that such willful false statements may on.	
I hereby appoint, individually and collectively, the following as n	ny/our attorney or agent with full power of substitution and	
revocation, to prosecute this application and to transact all business  Joseph S. Tripoli  Registro	tin the U.S. Patent and Irademark Office connected therewith:  ation No. 26,040 and	
	ation No. 26,932 and	
	ation No. 43,613 and	
Pegistro	ation No.	
PLEASE ADDRESS ALL		
COMMUNICATIONS TO: JOSEPH S. TRIPOLI		
PATENT OPERATIONS	IOENOMIC MIC	
THOMSON MULTIMEDIA LI P. O. Box 5312	ICENSING INC.	
PLEASE ADDRESS ALL COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS THOMSON MULTIMEDIA LI P. O. Box 5312 PRINCETON, NEW JERSEY	08543-5312	
Sole or Joint CHARLES A. PORTER Inventor (7)	00040 0012	
(Type or Print)	(Signature in Full. No initials.)	
Citizenship USA	Data	
Post Office Address 810 30 th Avenue, Seattle, Washington	Pate98122	
81030 Averlue, Seame, Washington	90122	
Seattle (King County), Washington 98122		
Sole or Joint Inventor (8) ERIC CARL REHM		
(Type or Print) Citizenship USA	(Signature in Full. No Initials.)	
Post Office Address 353 Wallace Way NE #3, Bainbridge Is	land, Washington 98110	
Residence Bainbridge Island (Kitsap County), Washingt	on 98110	
Sole or Joint SRINIVASAN SUDANAGUNTA		
inventor (9)		
(Type or Print) Citizenship 115Δ	(Signature in Full. No initials.)	
Citizenship USA	Date	
Post Office Address 913 26th Avenue E., Seattle, Washingto		
Residence Seattle (King County), Washington 98112		

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

WEINDAIN GOALIT IMIK	O VENIENT I ROCESS
	as Application Serial No. 09/876,942 and was amended on
	d here by filing date and serial number, is attached hereto.
I have reviewed and understand the contents of the ab amendment referred to above.	ove identified specification, including the claims, as amended by any
	material to the examination of this application in accordance with 37
CFR 1.56.	
• • • • • • • • • • • • • • • • • • • •	of any foreign application(s) for patent or inventor's certificate listed
	on for patent or inventor's certificate by me or my representatives or
assigns for this invention having a filing date before that of the Application No in on	···
Application No in on	
Application No in on	priority claimed () Yes () No
I hereby claim the benefit under 35 USC 119(e) of any Ur	
Application No. <u>60/252,273</u> Filed <u>November 21, 200</u>	<u>00</u>
Application No Filed	ad States application(s) listed below and insofar as the subject months of
·	ed States application(s) listed below and, insofar as the subject matter of order United States application in the manner provided by the first
• •	e material information as defined in 37 CFR 1.56(a) which occurred
between the filing date of the prior application and the nation	
Serial No Filed () patented	
Serial No Filed () patented	
·	own knowledge are true and that all statements made on information tements were made with the knowledge that willful false statements and
	both, under 18 USC 1001 and that such willful false statements may
jeopardize the validity of the application or any patent issued	
	ring as my/our attorney or agent with full power of substitution and
	business in the U.S. Patent and Trademark Office connected therewith:
	Registration No. 26,040 and Registration No. 26,932 and
	Registration No. <u>26,932</u> and Registration No. <u>43,613</u> and
	Registration No.
PLEASE ADDRESS ALL COMMUNICATIONS TO: JOSEPH S. TRIPO PATENT OPERATIO THOMSON MULTIN P. O. Box 5312	
COMMUNICATIONS TO: JOSEPH S. TRIPO	
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Post Office Address	•
Residence	